

Title (en)

Varicolored mineral appearing articles with crystalline thermoplastic chips.

Title (de)

Verschiedenfarbige, mineralartige Gegenstände mit kristallinen thermoplastischen Schnitzeln.

Title (fr)

Articles varicolores à l'apparence minérale avec des écailles cristallines thermoplastiques.

Publication

EP 0611799 A2 19940824 (EN)

Application

EP 94102069 A 19940210

Priority

US 1952493 A 19930219

Abstract (en)

Filled crystalline thermoplastic resin chips are incorporated into a filled synthetic resin matrix for producing varicolored mineral appearing articles. Wollastonite filled polyphthalamide resin chips increase the surface hardness and decrease the ASTM E 84 Smoke Index of neopentyl glycol/isophthalic polyester molded articles. Crystalline thermoplastics can be extruded in shapes for providing varishaped chips.

IPC 1-7

C08K 13/06; **C04B 26/02**; **C04B 18/02**

IPC 8 full level

C08J 5/00 (2006.01); **C04B 18/02** (2006.01); **C04B 26/10** (2006.01); **C08K 3/00** (2006.01); **C08L 67/00** (2006.01); **C08L 67/02** (2006.01); **C08L 77/00** (2006.01); **C08L 79/08** (2006.01)

CPC (source: EP KR US)

C04B 14/043 (2013.01 - KR); **C04B 18/022** (2013.01 - EP KR US); **C04B 26/10** (2013.01 - EP KR US); **C08L 67/02** (2013.01 - EP KR US); **C08L 77/00** (2013.01 - KR); **C04B 2111/542** (2013.01 - EP KR US)

C-Set (source: EP US)

1. **C04B 26/10** + **C04B 14/043** + **C04B 14/20** + **C04B 14/303** + **C04B 14/42** + **C04B 18/022** + **C04B 20/008**
2. **C04B 18/022** + **C04B 14/043** + **C04B 20/008**
3. **C08L 67/02** + **C08L 77/00**

Cited by

GB2296251A; WO9923045A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0611799 A2 19940824; **EP 0611799 A3 19960327**; AU 5488894 A 19940908; AU 657647 B2 19950316; BR 9400580 A 19940823; CA 2114380 C 20000111; CN 1098116 A 19950201; JP 2512700 B2 19960703; JP H06322143 A 19941122; KR 100276992 B1 20010115; KR 940019782 A 19940915; MX PA94001318 A 20040116; MY 111408 A 20000429; TW 288030 B 19961011; US 5457152 A 19951010

DOCDB simple family (application)

EP 94102069 A 19940210; AU 5488894 A 19940204; BR 9400580 A 19940211; CA 2114380 A 19940127; CN 94103252 A 19940219; JP 1972994 A 19940217; KR 19940002907 A 19940218; MX 9401318 A 19940221; MY PI19940257 A 19940204; TW 83101222 A 19940216; US 1952493 A 19930219